

**June 23, 2016**

03948 Version 1

**MIL Comes On with DTC P0300, P0301, P0302, P0303, P0304****AFFECTED VEHICLES**

Year	Model	Trim	VIN Range
2015	Fit	ALL	ALL
2016	Fit	ALL	3HG.....GM700001 thru 3HG.....GM704625 JHM.....GX000001 thru JHM.....GX026880

**SYMPTOM**

The MIL comes on with DTC P0300 (random misfire detected) or P0301–P0304 (cylinder misfire detected).

**PROBABLE CAUSE**

The ignition coil, spark plug, or fuel injector on one or more cylinders may be affecting combustion.

**CORRECTIVE ACTION**

Replace the applicable part(s) based on the diagnosis.

**PARTS INFORMATION**

Part Name	Part Number	Quantity
Ignition Coil	30520-5R0-013	(As needed)
Spark Plug	12290-5R0-003	(As needed)
Fuel Injector Set	16010-5R1-315	1
Fuel Joint Pipe Set	16012-5R1-305	1
Throttle Body Gasket	17107-5R0-004	1

**CUSTOMER INFORMATION:** The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

## WARRANTY CLAIM INFORMATION

The normal warranty applies.

### NOTE:

- If you are replacing ignition coil(s) and the vehicle is eligible for S/B 15-060, *Safety Recall: Ignition Coils*, submit warranty claims using the warranty claim information from that bulletin.
- DTCs are required with claim submission.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1215M8	Misfire diagnosis.	0.3 hr	03214	09107	16-034A	30520-5R0-013
Diagnosis will determine only one of the following repairs may be necessary for this bulletin.						
A	Replace ignition coil(s) - add	0.2 hr	03214	09107	16-034B	
B	Replace spark plug(s) - add	0.3 hr	03214	09107	16-034C	
C	Replace fuel injectors (no test-drive required) - add	1.8 hrs	03214	09107	16-034D	
D	Replace fuel injectors (with-test drive) - add	2.1 hrs	03214	09107	16-034E	

Skill Level: Repair Technician

## DIAGNOSIS AND REPAIR PROCEDURE

Check the iN VIN status to see if the vehicle is eligible for S/B 15-060, *Safety Recall: Ignition Coils*.

*Is the vehicle eligible for recall?*

- If the safety recall has not been done, go to **Vehicles Eligible for Recall**.
- If the vehicle is not part of the recall, or the recall has been done, go to **Vehicles Not Eligible for Recall or Recall is Complete**.

### Vehicles Eligible for Recall

1. Record what cylinder the misfire is on. Let the vehicle cool down to room temperature.
2. Swap the ignition coil and spark plug of the misfiring cylinder to one of the other cylinders in order to see if the misfire moves. (For example: If the misfire is on cylinder 1, swap ignition coil 1 and 2, then swap spark plug 1 and 3.) Refer to the ignition coil and spark plug removal and installation procedure in the service information.
3. Let the vehicle idle to see if the misfire moves.
  - If the misfire moved with the ignition coil, do S/B 15-060. The repair is complete.
  - If the misfire moved with the spark plug, replace the affected spark plug. Refer to the ignition coil and spark plug removal and installation procedure in the service information. Then do S/B 15-060. The repair is complete.
  - If the misfire did not move, go to step 5.
  - If the misfire did not return, go to step 4.
4. Test-drive the vehicle at low speed with low accelerator input (preferably on a slight uphill incline).  
*Did the misfire return? (Check for pending DTCs)*
  - If the misfire returned, go to step 5.
  - If the misfire did not return, this bulletin does not apply. Do S/B 15-060, then continue with normal misfire troubleshooting.
5. Replace the fuel injectors. Refer to the injector removal and installation procedure in the service information.
6. Do S/B 15-060. The repair is complete.

NOTE: In some rare cases the vehicle may return, at which point check and adjust the valves.

## Vehicles Not Eligible for Recall or Recall is Complete

1. Record what cylinder the misfire is on. Let the vehicle cool down to room temperature.
2. Swap the ignition coil and spark plug of the misfiring cylinder to one of the other cylinders in order to see if the misfire moves. (For example: If the misfire is on cylinder 1, swap ignition coil 1 and 2 then swap spark plug 1 and 3.) Refer to the ignition coil and spark plug removal and installation procedure in the service information.
3. Let the vehicle idle to see if the misfire moves.
  - If the misfire moved, replace the affected ignition coil or spark plug. Refer to the ignition coil and spark plug removal and installation procedure in the service information. The repair is complete.
  - If the misfire did not move, go to step 5.
  - If the misfire did not return, go to step 4.
4. Test-drive the vehicle at low speed with low accelerator input (preferably on a slight uphill incline).  
*Did the misfire return? (Check for pending DTCs)*
  - If the misfire returned, go to step 5.
  - If the misfire did not return, this bulletin does not apply. Continue with normal misfire troubleshooting.
5. Replace the fuel injectors. Refer to the injector removal and installation procedure in the service information. The repair is complete.

NOTE: In some rare cases the vehicle may return, at which point check and adjust the valves.

END